

CLAIMS

1. Use of

(P_S) water-dispersible or -colloidally soluble, end-capped polyesters

as wet-acting lubricants in the treatment of textile piece goods with a textile treatment agent (T) by an exhaust process from aqueous liquor under conditions which would otherwise in the textile substrate favour the formation of transport folds and/or the occurrence of friction in or on the substrate.

2. Use according to claim 1, characterised in that (P_S) is a polyester made from difunctional compounds (D), and monofunctional compounds (E) which are suitable for the end capping of the polyesters, and optionally higher oligo-functional compounds (H) which are suitable for the branching of the polyesters.

3. Use according to Claim 1 or 2, characterised in that (P_S) is a polyester (P_S') which is self-dispersible or colloidally soluble in water.

4. Use according to one of Claims 1 to 3, characterised in that (P_S) is employed in the form of an aqueous, concentrated composition (W).

5. Use according to Claim 4 characterised in that (W) is an aqueous composition which is characterised by a content of (P_S) and

(G) a thickening agent.

6. Use according to Claim 4 or 5, characterised in that (W), in addition to (P_S) and optionally (G), contains at least one of the following components

(X) a non-ionogenic or anionic emulsifier or a mixture of non-ionogenic and/or anionic emulsifiers,

(Y) an agent for adjusting the pH

and (Z) at least one formulation additive.

7. Use according to one of Claims 1 to 6, characterised in that (T) is at least one dye or at least one optical brightener.
8. Use according to one of Claims 1 to 7, in the dyeing or optical brightening of textile material made from polyester fibres, optionally blended with other fibres, in jet dyeing machines.
9. Use according to one of Claims 1 to 8, in the dyeing or optical brightening of textile material made from polyester microfibres, optionally blended with other fibres of comparable fineness
10. Wet-acting lubricant for the dyeing or optical brightening of textile piece goods in rope or tubular form by an exhaust method from aqueous liquor under conditions which would otherwise in the textile substrate favour the formation of transport folds or the occurrence of friction in or on the substrate, characterised by a content of (P_S) as defined in one of Claims 1 to 3.
11. Aqueous wet-acting lubricant composition which is an aqueous composition (W) which is defined as in one of Claims 4 to 6.
12. Aqueous wet-acting lubricant composition (W) according to Claim 11, essentially consisting of (P_S) and water and at least one of the additives (G), (X), (Y) and (Z).
13. Process for the production of an aqueous, (G) or/and (X) containing composition (W) according to Claim 12, wherein a melt of (P_S) is mixed in the presence of water with (G) or/and (X) and optionally one or more of (Y) and (Z) is added.
14. Process for the treatment of textile piece goods with a textile treatment agent (T) by exhaust methods from aqueous liquor, under conditions which would otherwise in the textile substrate favour the formation of transport folds or the occurrence of friction in or on the substrate, characterised in that the process is carried out in the presence of a water-dispersible or -colloidally soluble, end-capped polyester (P_S) as defined in one of Claims 1 to 3, optionally in the form of an aqueous composition (W) as defined in any one of Claims 4 to 6, as a wet-acting lubricant.
15. Process according to Claim 14, wherein (P_S) is removed at the end of the treatment process.

16. Aqueous polyester composition (W'), essentially consisting of (P_S), (G) and water and optionally at least one of the additives (X), (Y) and (Z), in which (P_S) is as defined in any one of Claims 1 to 3, (G) is as defined in Claim 5, and (X), (Y) and (Z) are as defined in Claim 6.
17. Aqueous polyester composition (W'') according to Claim 16, essentially consisting of (P_S'), (G) and water and additionally optionally one or more of the additives (Y) and/or (Z), in the form of an aqueous dispersion or colloidal solution.

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